

TITLE: MANUALLY OPERATED INDEXING PILL DISPENSER

[001] This invention relates to the technology disclosed in patent publication CA. 2,430,936, (Dec. 2004,Allen), and claims the benefit of priority of UK Patent # GB2443034, (Jan. 2011 Allen). The indexing dispenser, there disclosed performs holding, transporting, and dispensing functions, and possesses numerous benefits and advantages over known rotary indexing dispensers.

TECHNICAL FIELD

[002] The present invention aims to simplify some features, which diminishes some assembly labour requirements associated with cost, to be more user friendly, especially to users with limited fine motor ability, and amputees, one can actually reload and dispense the pills by the use of one hand only. The present invention also aims to provide a rotary indexing dispenser, which successfully integrates simple components. The new dispenser is aimed at being simple to activate, using only one hand. Preferred features include reservoir that allows several-week supply of pills to be stored, and stacked in advance, and safety features which make inadvertent operation unlikely.

BACKGROUND

[003] It is known in prior art to provide a rotary manually operated pill dispenser with trays, locks, cylindrical canister, carousel mounted on a rotary table. Some prior examples are shown in US-5,323,929 (Marlar, 1992), US-6,234,343(Papp 2001) which dispenses through an open tablet tray. US-6,068,158 (Chabout, 2000) automatic with an hopper. US-5,522,525, (McLaughlin, 1994), US-6,234,346, (Castleberry1976), snack trays resembling wedding cake.